

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	1316 29	inkjet or ink near3 jet	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 06:28
2	L2	4890 16	viscosity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 06:28
3	L3	5971	(pigment or carbon adj black) near5 (ionic or anionic or cationic or dispersible)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 06:53
4	L5	3015 8	(pigment or carbon adj black) near10 (attach\$4 or bond\$3 or modified or modifying or modify or graft\$3 or treat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 06:29
5	L6	1605	1 and 2 and (3 4 5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:45
6	L7	1266	((523/160) or (523/161)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 06:30
7	L8	220	6 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 06:53
8	L9	371	1 and 2 and water adj soluble near5 (polymer or resin) and water adj insoluble near5 (polymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:38
9	L10	323	(pigment or carbon adj black) and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:20
10	L11	1269	((524/523) or (524/522)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:08

	L #	Hits	Search Text	DBs	Time Stamp
11	L12	16	7 and 11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:13
12	L13	41	first adj (polymer or resin) and second adj (polymer or resin) and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:14
13	L14	4890 9	(hydrophilic) near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:16
14	L15	3256 9	hydrophobic near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:17
15	L16	285	6 and 14 and 15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:15
16	L17	2446 9	(hydrophilic) adj (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:16
17	L18	1377 0	hydrophobic adj (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:17
18	L19	298	1 and 17 and 18	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:37
19	L20	254	(pigment or carbon adj black) and 19	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:17
20	L4	99	(pigment or carbon adj black) near5 self adj dispers\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:30

	L #	Hits	Search Text	DBs	Time Stamp
21	L21	4480	1 and 2 and (polyurethane or polyester)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:31
22	L22	352	21 and styrene adj (methacrylate or acrylate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:31
23	L23	115	22 and ink.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:34
24	L24	26	1 and 17 and 18	EPO; JPO; DERWENT	2003/11/ 21 07:37
25	L25	25	1 and water adj soluble adj (polymer or resin) and water adj insoluble adj (polymer or resin)	EPO; JPO; DERWENT	2003/11/ 21 07:39
26	L26	5	4 and dispersant	EPO; JPO; DERWENT	2003/11/ 21 07:40
27	L27	69	4 and dispersant	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:40
28	L28	3022	1 and (3 5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:45
29	L29	1564	28 and 1.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 07:45
30	L30	239	7 and 28	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:05
31	L31	47	1 and belmont.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:05

	L #	Hits	Search Text	DBs	Time Stamp
32	L32	3252	(pigment or carbon adj black) and 1 and polyurethane	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:22
33	L33	2	("6005023").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:21
34	L34	165	(pigment or carbon adj black) and 1 and polyurethane.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:22
35	L35	210	1 and (mixture or blend) near10 (polyurethane or urethane adj resin) near10 (acrylic or polyacrylate or acrylate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:28
36	L36	19	1 and (polyurethane or urethane adj resin) near10 (number adj average adj molecular adj weight)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:54
37	L37	370	1 and (polyurethane or urethane adj resin) near5 (soluble or ionic or anionic or cationic or ionomer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:37
38	L38	28	37 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:37
39	L39	182	1 and (polyurethane or urethane adj resin) and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:48
40	L40	333	1 and 14 same (polyurethane or urethane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:49
41	L42	1030	1 and (binder or acrylic or acrylate) near10 (molecular adj weight or mw or "m.sub.w" or "m.sub.n")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:55

	L #	Hits	Search Text	DBs	Time Stamp
42	L43	45	41 and 42	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:55
43	L41	156	1 and (polyurethane or urethane adj resin) near10 (molecular adj weight or mw or "m.sub.w" or "m.sub.n")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:57
44	L44	1578	((524/589) or (524/590)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:58
45	L45	33	1 and 44	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 08:59
46	L46	965	(524/507).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 09:00
47	L47	8	1 and 46	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 21 09:00

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	24415	hydrophilic adj (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 14:48
2	L2	13741	hydrophobic adj (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 14:48
3	L3	797	1 and 2 and ink	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 14:49
4	L4	215	3 and carbon adj black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:02
5	L6	190	4 and molecular adj weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 14:58
6	L7	101	6 and viscosity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 14:58
7	L8	84416	water adj soluble near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:01
8	L10	20303	water adj insoluble near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:01
9	L11	482	8 and 10 and viscosity and molecular adj weight and carbon adj black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:06
10	L12	193	11 and ink	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:07

	L #	Hits	Search Text	DBs	Time Stamp
11	L13	1093 57	(hydrophilic or anionic or cationic or ionic) near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:07
12	L14	4373	(polyurethane or polyester) same molecular adj weight and viscosity and (acrylic or 13) and carbon adj black	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:07
13	L15	1300	14 and ink	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:07
14	L16	106	15 and ink.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 15:08

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	1443 756	@pd>20030130	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:48
2	L2	3674 55	ink	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:48
3	L3	1093 57	(hydrophilic or anionic or cationic or ionic) near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:48
4	L4	3250 7	hydrophobic near5 (polymer or copolymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:48
5	L5	7309 59	number adj average adj molecular adj weight or mn or "m.sub.n"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:49
6	L6	4886 41	viscosity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:49
7	L7	99	(pigment or carbon adj black) near5 self adj dispers\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:49
8	L8	4701	(pigment or carbon adj black) near5 (ionic or anionic or cationis or dispersible)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:42
9	L9	3012 8	(pigment or carbon adj black) near10 (attach\$4 or bond\$3 or modified or modifying or modify or graft\$3 or treat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:50
10	L10	272	1 and 2 and 3 and 4 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 08:50



	L #	Hits	Search Text	DBs	Time Stamp
11	L12	104	10 and (7 8 9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:18
12	L13	7549	(graft or block) and hydrophobic and hydrophilic and 1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:17
13	L14	1026	13 and 2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:18
14	L15	522	14 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:18
15	L16	139	15 and (7 8 9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:18
16	L17	180	(pigment or carbon adj black) near5 (ionic or anionic or cationi or dispersible) adj group	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:29
17	L18	156	17 and 2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:30
18	L19	74	18 and dispersant	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:30
19	L20	74	2 and (hydrophobic or hydrophilic) near10 backbone and (hydrophilic or hydrophobic) near10 (side or sidechain)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:38
20	L21	59	20 and molecular adj weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:39

	L #	Hits	Search Text	DBs	Time Stamp
21	L22	39	21 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:39
22	L23	2489	(8 9) and ink near3 jet	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:43
23	L24	1413	23 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:43
24	L25	879	24 and ink.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:43
25	L26	9578	(hydrophilic or dispersible or dissipat\$4 or soluble or ionic or ionomer) near5 polyurethane	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:44
26	L27	556	2 and pigment and 6 and 26	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:45
27	L28	428	27 and (4 or acrylate or methacrylate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 09:45

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	180	(pigment or carbon adj black) near5 (ionic or anionic or cationi or dispersible) adj group	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:39
2	L2	99	(pigment or carbon adj black) near5 self adj dispers\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:39
3	L3	4701	(pigment or carbon adj black) near5 (ionic or anionic or cationis or dispersible)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:39
4	L4	3012 8	(pigment or carbon adj black) near10 (attach\$4 or bond\$3 or modified or modifying or modify or graft\$3 or treat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:39
5	L5	1052 04	ink near3 jet	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:40
6	L6	2499	5 and (1 2 3 4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:31
7	L7	1690	((523/160) or (523/161) or (106/31.6)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:40
8	L8	347	6 and 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:40
9	L9	239	(1 2 3 4).clm. and dispersant.clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 10:58
10	L10	98	5 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:09

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11	L11	1423	5 and viscosity and (1 2 3 4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:09
12	L12	7309 59	number adj average adj molecular adj weight or mn or "m.sub.n"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:09
13	L13	544	11 and 12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:09
14	L14	397	13 and (block or graft)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:31
15	L15	120	11 and (block or graft) and (block or graft or polymer or resin or binder or backbone or sidechain or side) near10 12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:21
16	L16	131	11 and (polymer or resin or binder) near10 12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:28
17	L17	1268	((524/522) or (524/523)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:25
18	L18	21	5 and 17	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:28
19	L19	3691	5 and (mixture or blend) near5 (polymer or resin)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:28
20	L20	199	19 and viscosity and (polymer or resin or binder) near10 12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/ 19 11:29

	L #	Hits	Search Text	DBs	Time Stamp
21	L21	727	5 and (1 2 3 4)	EPO; JPO; DERWENT	2003/11/ 19 11:31
22	L22	45	21 and (block or graft)	EPO; JPO; DERWENT	2003/11/ 19 11:32